

AP Biology
Chapter 14 Guided Reading Assignment

Name _____

1. Who were the two strong influences on Mendel's education?
2. Define the following terms:
 - a. Character
 - b. Trait
 - c. True-breeding
 - d. Hybridization
 - e. P generation
 - f. F1 generation
 - g. F2 generation
 - h. Alleles
 - i. Punnett Square
 - j. Homozygous
 - k. Heterozygous
 - l. Phenotype
 - m. genotype
3. In your own words, what is Mendel's Law of Segregation?
4. Give an example of a monohybrid cross and a dihybrid cross.
5. What is the Law of Independent Assortment and how does this "law" relate to meiosis?